APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Blast Furnace Operation With a High Top Pressure of 0.8 atm., by P. F. Sergeyev, N. I. Vail'chenko.

RUSSIAN, per, Stal, No 11, 1956, pp 963-971.

Broken Hill Prop Co Ltd
(CRL/T.158)

Sci - Engr

Apr 62

191,701

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

A Blast-Furnace Top Distributor of New Design,
by A. S. Ayukov.

RUSSIAN, per, Stal, Vol XVI, No 11, 1956,
pp 975-976.

Henry Brutcher 4309
$4.75

Sci - Engr
Oct 58

75.716

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

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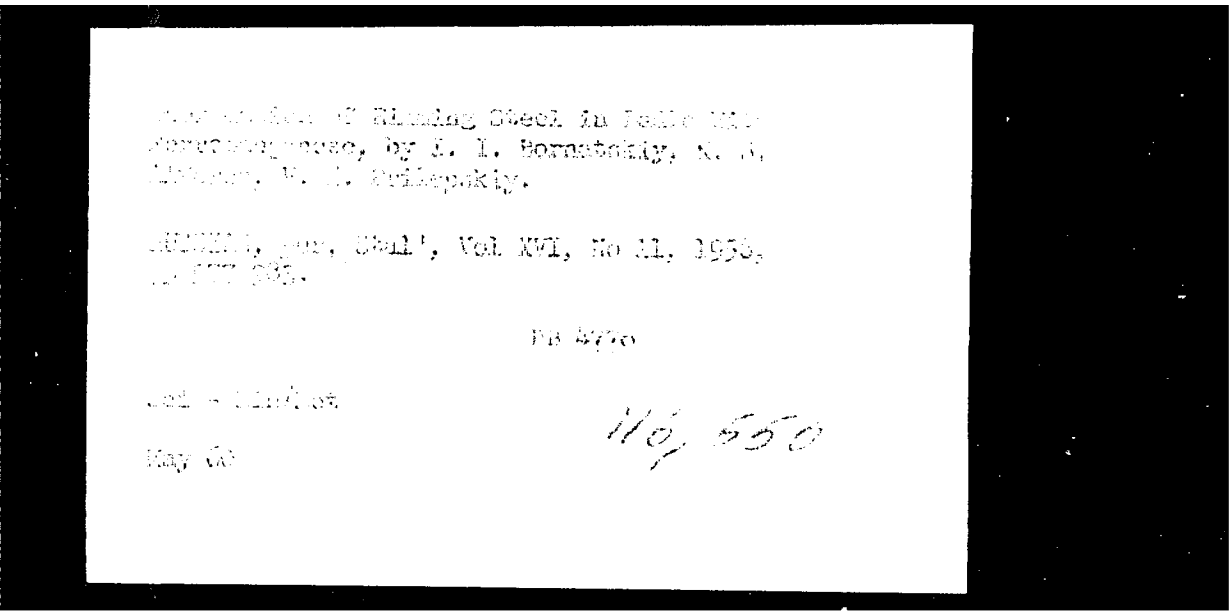

[illegible] of Binding Effect in Textile [illegible]
[illegible], by I. I. Bornatskiy, N. S.
[illegible], V. I. Shilepskiy.

[illegible], ser. Khim., Vol XVI, No 11, 1950,
[illegible].

Tr. Appr.

[illegible]

May 52

No. 550

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Russian Method of Automatically Building Up Worn Steel Rolls Under a Ceramic Flux, by K. V. Bagryanskii, et al. UNCL

RUSSIAN, per, Stal, No 11, 1956, pp 994-997.

British Iron and Steel Ind
(no number given)

98, 168

Sci - Engr
Sep 59

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

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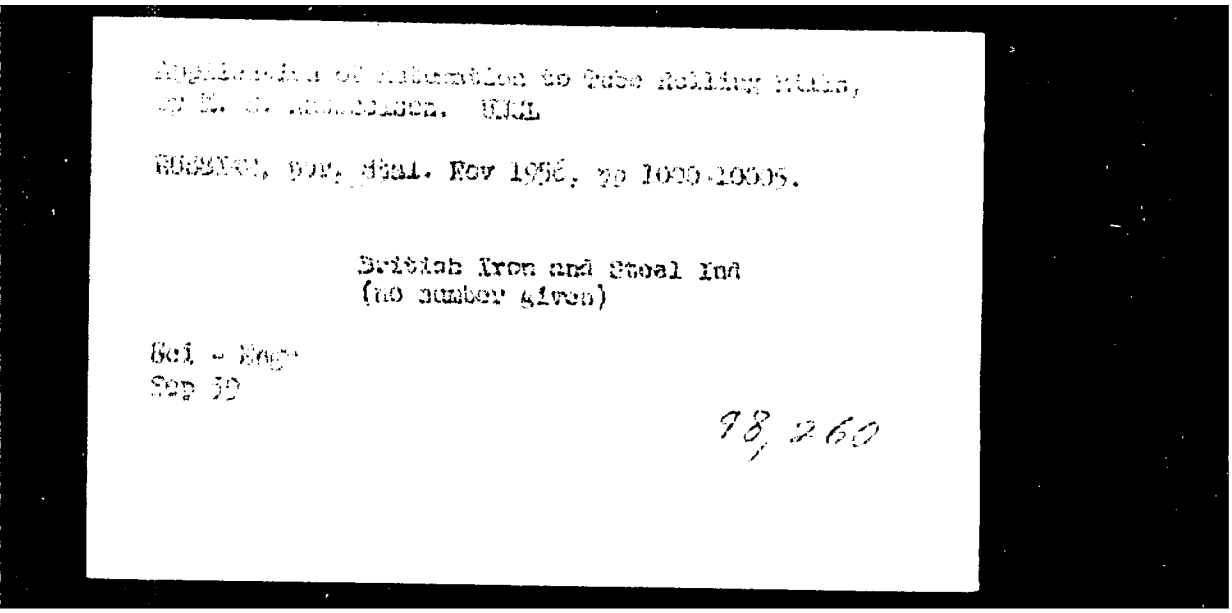

Application of Automation to Pulse Welding Mills,
by B. G. Johnson. UNL

Welding Des Manu. Nov 1966, pp 1029-1033.

British Iron and Steel Inst
(no number given)

Gal - Mag
Sep 67

98,260

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Effect of Heat Treatment on the Properties of Rimmed Low-Carbon Steels, by M. V. Pridantsev, et al. UNCLASSIFIED

RUSSIAN, per. Stal, No 11, 1956, pp 1006-1015.

Co-Op Tr Scheme 492
(L332s.)

Sci - Phys
Dec 58

77,641

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Gas Cutting of Steel in Continuous Casting Machines, by O. Sh. Spektor.

RUSSIAN, mo per, Stal, Vol XVI, No 11, 1956, pp 1042-1048.

Henry Brutcher
Tr No 3888
$8.85

45,114

Sci - Engineering
Mar 1957 CTS/dex

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Prevention of Flakes in Semi-Finished Steels, by L. A. Narutskaya, et al.

RUSSIAN, mo per, Stal', Vol XVI, No 12, 1956, pp 1097-1098.

Henry Brutcher
Tr 3908
$2.80

Sci - Min/Metals, metallurgy
Aug 57

50,739

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Economic Advantages of Producing Lightened-Section Rolled Products, by L. L. Zusman. (RZh)

RUSSIAN, Sov. Stal', Dec 1956, pp 1099-1102.

NL: 10-57
British Iron and Steel
Ind 1116

USSR
Econ
Apr 59

83,861

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Russian Experience in the Automatic Control of Wheel Plant Furnaces, by Gruberman.

RUSSIAN, mo per, Stal, No 12, 1956, pp 1103.

Co-op Tr Sch Tr 552
(F2.1.0)

57,679

Sci - Engr
Jan 58

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Information and Chronicle: Catching the Ends of Wire in Breakings, UNCLASSIFIED

RUSSIAN, per, Stal, Vol XVI, No 12, 1956, pp 1127-.

*DSIR/TCL 100

Sci - Engr
Oct 58

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Changing Charging Gear of Blast-Furnaces at the Novo Tagil Plant in Russia in Two Days, by Gladunov.

RUSSIAN, mo per, Stal, No 12, 1956, p 1134.

Co-op Tr Sch Tr 550
(£1.0.0)

Sci - Engr
Jan 58

57,677

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

A Safety Wire-End Holder for Wire Drawing, by Yu. N. Volkov. UMCL

RUSSIAN, por, Stal', Vol XVI, No 12, 1956, pp 1135-1137.

Co-op Tr Scheme 545

Sci -
Engr
Mar 59

82,470

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Study of Conditions of Heat Exchange and Reduction [in Blast Furnaces] Working on Fluxed Sinter, by N. N. Rabarykin, F. A. Yushin.

RUSSIAN, per, Stal', Vol XVII, No 1, 1957, p 7-15.

Brutcher Tr 4066
$12.00

Sci - Min/Met

Apr 58

61,425

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Automatic Regulation of Blast Furnace Working, by
S. Piotrkovskiy, Ashikhmin. UNCLASSIFIED

RUSSIAN, per, Stal, No 1, 1957, pp 16-20.

NLL.4041
Iron and Steel Inst Tr 952
(L3.10.0)

Sci - Engr
Aug 58

71,720

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Hydrodynamics of (Proof of Convection in) Liquid Steel in Ingot Moulds, by Zborovsky. UNCLASSIFIED

RUSSIAN, per, Stal, Vol XVII, Jan 1957, pp 24-30.

Co-op Tr Scheme
Tr 787
(L4.10.0)

Sci - Min/Metals
Apr 58

62,625

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Geometry of the Lower Part of an Ingot. USSR

RUSSIAN. Metr, Steel, Jan 1957, pp 35-38.

British Iron and Steel Inst
(no number given)

Sci - Min/Met; Math
Sep 59

98/147

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Increasing the Output of No 2 Blooming Mill at Magnitogorsk, by Koshevnikov.

RUSSIAN, por, Stal, Vol XVII, No 1, 1957, pp 47-52.

ASLIB-GB70

Sci

Aug 59

2151

95,687

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Results of Reconstruction of the Magnitogorsk. No 3. Blooming Mill, by L. V. Andreyuk.

RUSSIAN, per, Stal, Vol XVII, No 1, 1957, pp 53-59.

ASLIB-GB70

Sci

Aug 59

94, 215

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Influence of Deoxidation With Aluminium on the Quality of Structural Steel, by Antropova, et al.
UNCLASSIFIED

RUSSIAN, per, Stal, Jan 1957, pp 64-65.

Iron and Steel Inst Tr 743
(14)

Sci - Min/Met
Aug 58

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

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Use of Protective Coatings (of Waterglass) for Decreasing Steel Decarburization, by Yudovitch. UNCLASSIFIED

RUSSIAN, mo per, Stal, Jan 1957, pp 69-71.

Co-op Tr Scheme
Tr 859
(L2.0.0)

Sci - Chem
Apr 58

62,691

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Life of Moulds for Steel Ingots, by S. M. Sobrovskikh, A. G. Nikolayev. UKCL

RUSSIAN, per, Stal, Jan 1958 1957, pp 84-88.

British Iron and Steel Inst
(no number given)

Sci - Min/Met
Sep 59

98/142

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Smelting of Fluxed Sinter Made From Krivoi Rog Iron Ores, by Rasgorov et al.

RUSSIAN, per, Stal, Feb 1957, p 99-103.

CSIRO (CB 70/4/13)
Co-op Tr Serv Tr 681
(2.0.0)

NLL 11-4-77
55, 856

Sci - Min/met
Nov 57

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Ferrocoke and Ore-Coal Briquets, by M. S. Kurchatov.

RUSSIAN, per, Stal, Vol XVII, No 2, 1957, pp 103-105.

Henry Brutcher TR 4090
$4.80

Sc1 - Min/Met

Jun 58

66118

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Problems in Sinter Production, by Kharaeh et al.
UNCLASSIFIED

RUSSIAN, pur, [illegible], No 2, 1957, pp 106-124.

WLC M.4267
Iron and Steel Inst Tr 761
(L6)

Sci - Min/Met
Aug 58

71 717

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Change-Over of O.H. Furnaces From Oil to Natural Gas Firing, by Borodin et al.

RUSSIAN, mo per, Stal, No 2, 1957, pp 124-129.

Co-op Tr Sch Tr 538
($2.10.0)

37,672

Sci - Engr
Jan 58

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Roll Forces and Power Characteristics in Blooming Mills, by T. M. Golubev, et al.

RUSSIAN, per, Stal', No 2, 1957, pp 141-146.

CSIRO

Sci - Engr
Aug 62

211, 255

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Study of Oblique Rolling on a Three-Roll Tube Mill, by P. K. Toterin, et al. UNCL

RUSSIAN, per, Stal, Feb 1957, pp 147-151.

British Iron and Steel Iron
(no number given)

98,410

Sci - Engr
Sec 59

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Properties of O.H. Steel Processed With Oxygen, by Kazarnovskiy et al.

RUSSIAN, mo per, Stal, No 2, 1957, pp 152-157.

Co-op Tr Sch Tr 539
(&2.0.0)

Sci - Min/met
Jan 58

57,650

ASL-3-6870

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Liquid Slag Removal From Soaking Pits,
by Stukalov, et al.

RUSSIAN, per. Stal', Vol XVII, No 2,
1957, pp 169-173.

CSIRO

Sci - Engr
Jul 62

207,693

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Remelting of High-Manganese Steel in an Open Hearth Furnace, by P. T. Khokhlov.

RUSSIAN, per, Stal, Vol XVII, No 2, 1957, pp 179-181.

ASLIB-GB70

Sc1

Aug 59

94,219

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

The Influence of Cold Hardening of the Edges of Cold-Rolled Transformer Sheet Samples on the Electromagnetic Characteristics, by Belyakov.

RUSSIAN, mo per, Stal, No 2, 1957, pp 185, 186.

Co-op Tr Sch Tr 795

58,264

Sci - Engr
Feb 58

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

New Methods of Studying the Sintering Process,
by V. S. Abramov.

RUSSIAN, por, Stal, Vol XVII, No 3, 1957,
pp 195-199.

Henry Brutcher 4385
$8.80

Sci - Min/Met

Jan 59

78,641

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Mold Design for Continuous Casting of Steel, by G. I. Kozlitin, I. N. Kolybalov.

RUSSIAN, mo per, Stal', Vol XVII, No 3, pp 209-213.

Henry Brutcher
No 4004
$4.80

53,187

Sci - Eng
Sep 57

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Production of Constructional Steels in Arc Furnace With Oxygen Injection, by S. M. Gnuchev, et al.

RUSSIAN, per, Stal', Vol XVII, No 3, 1957, pp 228-232.

HB 4113

Sic - Min/Met

May 60

116,528

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Modernization of Units of Slabbing Mill Equipment, by Tsirlin.

RUSSIAN, mo per, Stal, No 3, 1957, pp 232-238.

Co-op Tr Sch Tr 546
($3.0.0)

USSR
Econ
Jan 58

57,675

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Application of Phosphate Coatings to the Multiple Cold Drawing of Tubes, by Goncharevsky, et al.

RUSSIAN, mo per, Stal, Mar 1957, pp 243-253.

Co-op Tr Sch Tr 617

Sci - Min/met
Jan 58

57,742

HB 4642

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Comparison of the Results of Metal Controlling for Fine Cracks in Billets and Finished Products, by Kalinina. UNCLASSIFIED

RUSSIAN, per, Stal, Mar 1957, pp 261-263.

Bib. No. 4107
Co-op Tr Scheme
Tr 878

Sci - Min/Met
Apr 58

62,599

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

(DC-1070)

The Iron Balance in Blast Furnace Production, by L. L. Zusman, N. F. Sklokin, 10 pp.

RUSSIAN, mo per, Stal', Vol XVII, No 3, Moscow, Mar 1957, pp 264-267.

US JPRS/DC-L-618

USSR
Eco - Steel Production

69, 554

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

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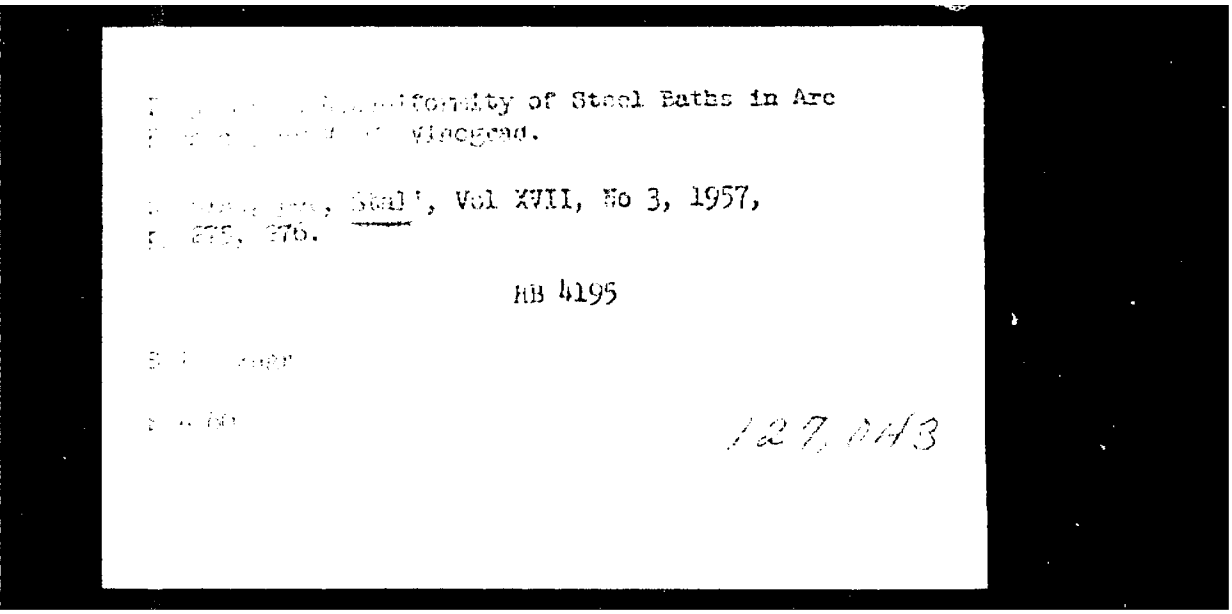

...iformity of Steel Baths in Arc
... Vinogrod.

..., Stal', Vol XVII, No 3, 1957,
... 275, 276.

HB 4195

...

...

127,243

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Causes of Unsatisfactory Cold Drawability of Iron-Chrome-Aluminum Resistance Alloys, by A. P. Boyarinova, S. I. Malov.

RUSSIAN, per, Stal, Vol XVII, No 3, 1957, p 280.

Brutcher Tr 4063
$2.25

60,374

Sci - Chem Min/met
Mar 58

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Investigation of Forces Acting on the Various Parts of a Continuous Steel-Casting Machine, by V. F. Shchukin.

RUSSIAN, mo per, Stal', Vol XVII, No 4, Moscow, 1957, pp 320-322.

T-Sci 536
Henry Brutcher Trans
1022

Sci - Engineering $3.00

Jan 58

57,019

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Quality of Steel Ingots Improved by Ultrasound Treatment, by N. P. Nikolaichik, E. N. Nikolaichik.

RUSSIAN,/Per, Stal, Vol XVII, No 4, 1957, pp 322-325.

Henry Brutcher
No 3985
$4.75

Sci - Physics
Sep 57

53,184

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Production of Medium-Carbon Ferrochromium, by P. A. Sakharuk.

RUSSIAN, mo per, Stal', Vol XVII, No 4, 1957, pp 326-328.

Henry Brutcher
No 3995
$5.90

53,194

USSR
Econ - Metals
Sci - Min/Metals
Sep 57

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Machines for the Marking of Blooms and Slabs, by I. S. Fobedin, I. V. Prichodko. UNCLASSIFIED

RUSSIAN, per, Stal, Apr 1957, pp 333-340.

British Iron and Steel Ind 717 (J.3.10.0)

Sci - Engineering
May 59

86,066

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

R Longitudinal Cracks on the Flanges of Railway Rails, by V. A. Nikitskaya, A. M. Karpunin. UNCLASSIFIED

RUSSIAN, per, Stal, Apr 1957, pp 347-351.

Iron and Steel Inst Tr 813
(3.10.0)

Sci - Min/Met
Aug 58

71,740

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Reconstruction of the Old Urals Works in the USSR, by A. S. Ostntsov, et al.

RUSSIAN, per, Stal' # No 4, 1957, pp 352-356.

CSIRO

Sci - Engr
Jun 62

199,579

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Distribution of Temperature in an Ingot During Heating in a Soaking Pit, by Kazantsev, Strelets.

RUSSIAN, mo per, Stal, Vol LXXVII, 1957, No 4, pp 358-361.

Co-op Tr Sch Tr 533

Sci - Min/met
Jan 58

57,712

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Durability of Ingot Moulds at the Kuznetsk Metallurgical Combine, by Plankina.

RUSSIAN, mo per, Stal, No 4, 1957, pp 362-365.

Co-op Tr Sch Tr 534

Sci - Min/Met
Jan 58

57, 713

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Cpiling and Uncoiling of Hot-Rolled Plates of Up to 12 MM Thickness, by Tselikov, Sonin.

RUSSIAN, mo per, Stal, No 4, 1957, p 374.

ALL PI 4134
Co-op Tr Sch Tr 631

Sci - Engr
Jan 58

57,743

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

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Die Automatisierrung Einselner Vorgaenge in der Sinteranlage, by I. M. Ravidikovich. (unpubl tr)

RUSSIAN to GERMAN, per, Stal, No 5, 1957, pp 385-388.

IDU 661
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Unter den Linden 8

Apr 60

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APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Location of Blast-Furnace Mixing Valve, by Chernov, et al.

RUSSIAN, mo per, Stal, May 1957, pp 389-391.

Co-op Tr Sch Tr 690

Sci - Engr
Jan 58

57,643

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Oxygen Utilization in a 250-Ton Open-Hearth Furnace, by Lifshits, Sochan. UNCLASSIFIED

RUSSIAN, mo per, Stal, May 1957, pp 402-405.

Co-op Tr Scheme
Tr 736
(L2.0.0)

Sci - Min/Met
Apr 58

62,689

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Effect of Ultrasound on Structure and Properties of Steel Ingots, by Ya. B. Gurevich, V. I. Leontov, I. I. Teumin.

RUSSIAN, mo per, Stal', Vol XVII, No 5, 1957, pp 406-411.

Brutcher Tr 4035
$5.60

Sci - Min/Met

57,363

Jan 58

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

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Comparison Between Tilting and Fixed Furances, by Lenorsky.

RUSSIAN, per, Stal, No 5, 1957, pp 411-413.

Co-op Tr Sch Tr 635
($2.10.0)

57, 704

Sci - Engr
Jan 58

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

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Determination of Minimum Consumption of Electric Power in Arc Furnaces, by Markov.

RUSSIAN, mo per, Stal, May 1957, p 419.

Co-op Tr Sch Tr 579

Sci - Engr
Jan 58

57,721

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Rolling of Rails Through Knifing Passes of Cogging Rolls, by Bede, et al.

RUSSIAN, mo per, Stal, Vol XVII, May 1957, pp 431-435.

Co-op Tr Sch Tr 624
($1.15.0)

Sci - Engr
Jan 58

57,700

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Experimental Determination of Roll Force, by V. N. Poturayev. UNCL

RUSSIAN to FRENCH, per, Stal, No 5, 1957, pp 438-440.

IRSID T 878
185, Rue President-Roosevelt
St. German-en-Laye
(S-et-O), France

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

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Improved Groove Design in the Cold Reduction of Tubes, by Shevakin.

RUSSIAN, no per, Stal, May 1957, pp 441-444.

Co-op Tr Sch Tr 603

57,732.

Sci - Engr
Jan 58

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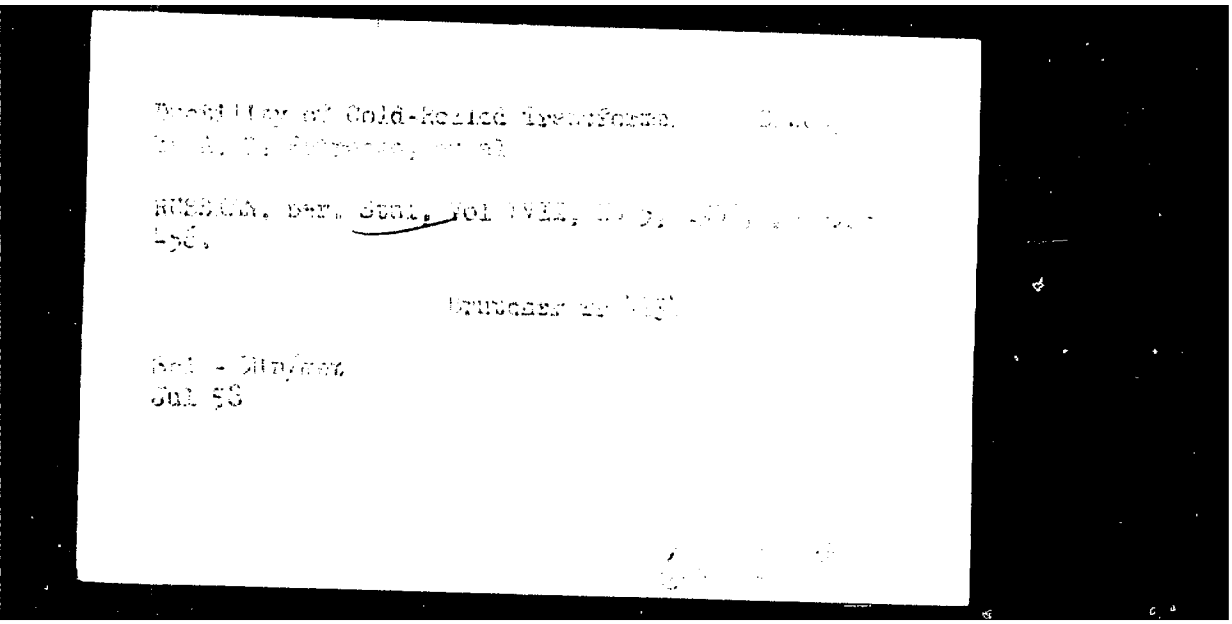

Treaty of Gold-Kozlov Investments.
by A. P. Pogrebov, et al

RUSSIAN. Sov. Sbor., Vol XVII, [illegible]
45-56.

[illegible]

Bel - Binyon
Jul 53

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

(FDD 33061) (DC-1071)

Production of Bent Shapes, by G. V. Vitin, A. F. Yermakov, 14 pp.

RUSSIAN, mo per, Stal', Vol XVII, No 5, Moscow, May 1957, pp 458-463.

US JPRS/DC-L-449

USSR

Econ - Varied steel produc research
Technical

66,905

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

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Phosphate and Glass Coatings in Wire Prior to Drawings, by Goncharov.

RUSSIAN, mo per, Stal, May 1957, pp 464-465.

Co-op Tr Sch Tr 590

Sci - Engr
Jan 58

57724

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

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Investigations at the Institute for Iron Metallurgy Ak Nauk Ukraine, by Z. I. Nekrasov, N. I. Krasavtsev, V. D. Chekhranov.

RUSSIAN, per, Stal', No 5, 1957, pp 468-469.

BISI 2236

USSR

Econ

204, 515

Jul 62
list 129

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

(FDD 31777) (DC-1071)

Research at the Verkh-Isetskiy Plant, by G. N. Shubin, 9 pp.

RUSSIAN, mo per, Stal', Vol XVII. No 5, Moscow, May 1957, pp 469-472.

US JPRS/DC-L-448

USSR

Econ

66,908

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

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Forschungsarbeiten im Makajewsker Eisenhuettenkombinat, by I. I. Vornatskiy. (unpubltr)

RUSSIAN to GERMAN, per, Stal, No 5, 1957, p 475.

IDU 669
Institut fuer Dokumentation
Uebersetzungsnachweis
Berlin, W.8
Unter den Linden 6

Apr 60

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

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Automatic Speed Control of a Sintering Machine, by Khoklov.

RUSSIAN, mo per, Stal, Jun 1957, p 481.

~~Coop Tr Sch Tr 688~~

Sci - Engr
Jan 59

57,642

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Effect of Heating of the Blast Upon the Working of a Blast Furnace, by I. G. Boychenko.

RUSSIAN, per, Stal, Vol XVII, No 6, 1957, pp 483-486.

Drutcher Tr 4051
$7.90

60,361

Sci - Engr
Mar 58

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Effect of Increased Top Pressure /in Blast Furnace/ Upon Composition of Pig Iron Produced, by V. L. Pokryshkin.

RUSSIAN, per, Stal', Vol XVII, No 6, 1957, pp 487-492.

Brutcher Tr 4052
$7.80

Sci - Engr

Aug 58

69/190

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Prospects for Use of Calculating Machines for Automatic Control of Blast-Furnace Running, by Rylov.

RUSSIAN, mo per, Stal, No 6, 1957, pp 488-493.

Co-op Tr Sch Tr 653
($2.10.0)

Sci - Engr
Jan 58

57,709

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Charging of Raw Materials Into Blast-Furnace Skips by Belt Conveyors, by Fil, Lemberikman.

RUSSIAN, mo per, Stal, V1957, p 493-4[illegible]

~~Co-op Tr Sch Tr 689~~

Sci - Min/met
Jan 58

57, 6444

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Automatic Apportioning and Weighing of Blast-Furnace Burdens and Conveyor Belt Loading of Skips, by A. A. Ganich, et al. UNCLASSIFIED

RUSSIAN, Per, Stal, No 6, 1957, p 496.

British Iron and
Steel Ind 735
(L3.10.0)

Sci - Engr
Nov 58

75,880

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

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Rationeller Schichtverteiler des Hochofens, by I. S. Shirenko. (unpubl tr)

RUSSIAN to GERMAN, per, Stal, No 6, 1957, pp 500-501.

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Unter den Linden 8

Apr 60

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APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

All-Union Blast Furnace and Sinter Plant Conference SSSR, 1957, by Ya. I. Dashevskiy, N. K. Leonidov, 1 pp.

RUSSIAN, per. Stal, No 6, 1957, pp 501-502.

Broken Hill Proprietary Co Ltd (CRL/T 153)

Sci
Nov 61

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

* Influence of Alloying Elements on Hydrogen Content and Hydrogen Mobility in Steel, by Yu. A. Klyachko, T. S. Izmanova.

RUSSIAN, per. Stal', Vol XVII, No 6, 1957, pp 507-511.

Brutcher Tr 4047
$4.00

Sci - Min/Met

Apr 58

61,434

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Killed-Steel Ingots of Improved Shape, by A. N. Lekontsev.

RUSSIAN, per, Stal', No 6, 1957, pp 512, 513.

HB 4708B

Sci - Min/Met

Mar 61

141,395

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

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New Deoxidizing and Desulfurizing Practice for Improved Steel Quality, by V. A. Skachko, N. P. Merenkov. 6pp.

RUSSIAN, per. Stal', Vol XVII, No 6, 1957, pp 521-522.

AEC 3176
Brutcher Tr 4080
$3.90
CTS 63-16875

Tol - Min/Met

Apr 58

61,779

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

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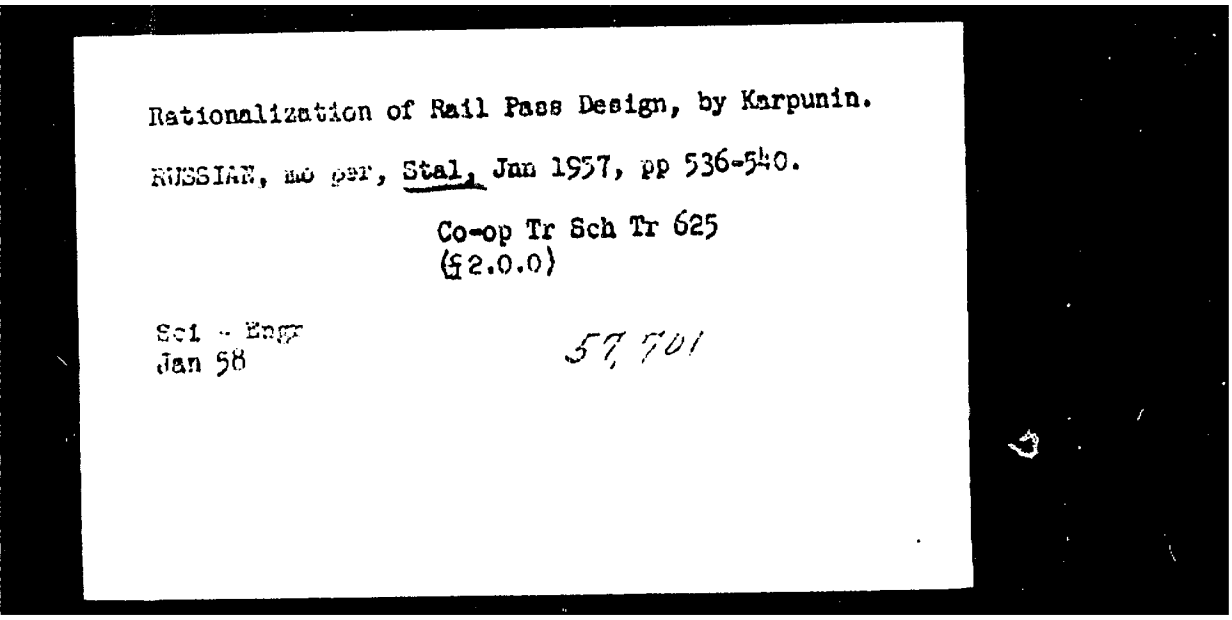

Rationalization of Rail Pass Design, by Karpunin.

RUSSIAN, no per, Stal, Jan 1957, pp 536-540.

Co-op Tr Sch Tr 625
(G2.0.0)

Sci - Engr
Jan 58

57,701

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

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Rational Method of Fabrication of Sheet Ingots, by I. D. Kuzema.

RUSSIAN, per, Stal, Vol XVII, 1957, pp 541-543.

AEC Tr 3177

Sci - Engr

May 58

62,647

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

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Practice in Tube Mill Coating, by Gurevich.

RUSSIAN, per, Stal, Jun 1957, pp 569-570.

Co-op Tr Serv Tr 626
(1.0.0)

55,870

USSR
Econ
Nov 57

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

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Calorizing of Cast Iron Ingot Moulds, by Nikolaich Nikolaichik.

RUSSIAN, mc por, Stal', No 6, 1957, pp 571.

Co-op Tr Sch Tr 725

58,253

Scl - Min/met
Feb 58

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Production of Ferromanganese in Large Blast-Furnaces, by Zakharov et al.

RUSSIAN, per, Stal, No 7, 1957, pp 580-584.

Co-op Tr Serv Tr 670
(1 1/2 - 2)
NLL
55,863

USSR
Econ
Sci - Min/met
Nov 57

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

The Development of Side-Blown Basic Converter Steel Production in the Chinese People's Republic, by Yui Tszin-Shen. UNCL

RUSSIAN to GERMAN, per, Stal, No 7, 1957, pp 592-598.

Verein Deutscher Eisenhuettenleute
Duesseldorf
Breite Strasse 27, Germany

B6. 20

May 59

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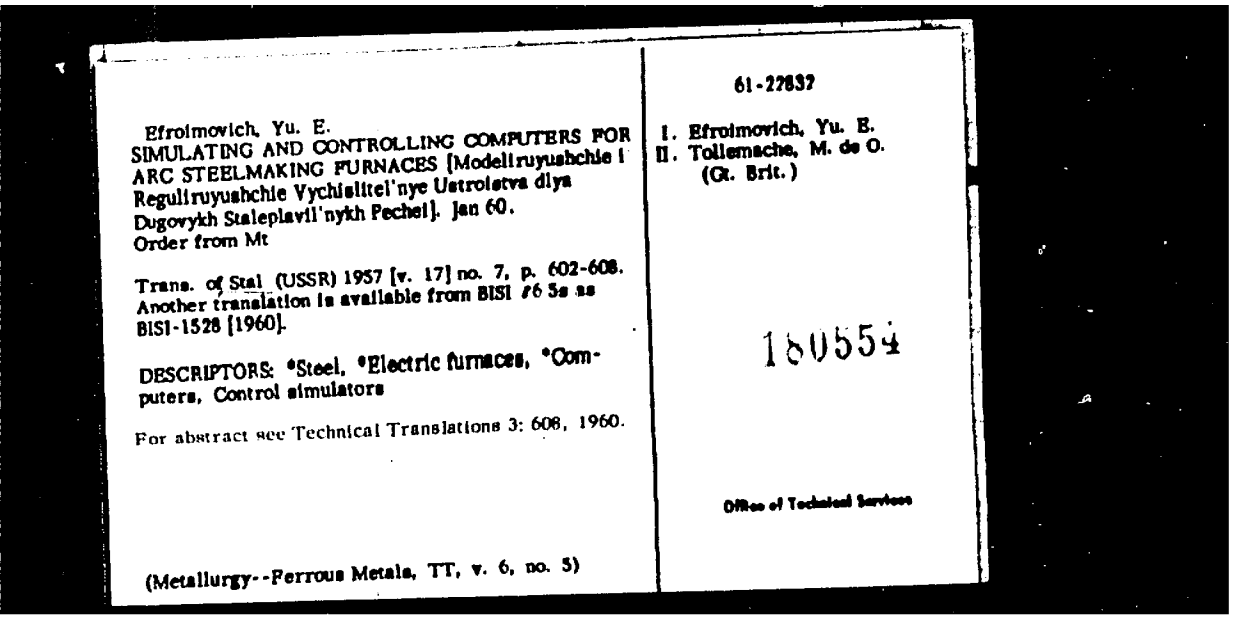

Efroimovich, Yu. E.
SIMULATING AND CONTROLLING COMPUTERS FOR ARC STEELMAKING FURNACES [Modelirуyushchie i Reguliruyushchie Vychislitel'nye Ustroistva dlya Dugovykh Staleplavil'nykh Pechei]. Jan 60.
Order from Mt

Trans. of Stal (USSR) 1957 [v. 17] no. 7, p. 602-608.
Another translation is available from BISI #6 5s as BISI-1528 [1960].

DESCRIPTORS: *Steel, *Electric furnaces, *Computers, Control simulators

For abstract see Technical Translations 3: 608, 1960.

(Metallurgy--Ferrous Metals, TT, v. 6, no. 5)

61-27837

I. Efroimovich, Yu. E.
II. Tollemache, M. de O. (Gt. Brit.)

180554

Office of Technical Services

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The Granulation of Reducing Manganese-Bearing Slags, by D. S. Tsikashun.

RUSSIAN, per, Stal, 1957, No 7, pp 611-615.

BISI 1921

Sci - Min/Met

Oct 60

129,115

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

The New Wheel-Rolling Department of the Nizhny-Tagil Metallurgical Combine, by Makayev et al.

RUSSIAN, no per, Stal, Jul 1957, pp 616-621.

Co-op Tr Sch Tr 658
NLC M412 9
57, 752

USSR
Econ
Jan 58

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Decapage Des Aciers Inoxydables. (Etching of Stainless Steels), by A. A. Babakov, A. A. Sabinine, I. P. Sinitsyne, 16 pp.

FRENCH From RUSSIAN, per, Stal, Vol XVII, 1957, pp 631-634.

Reverse Translation
AEC/CEA-Tr-R569

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Influence of Impurities on the Properties of High-Temperature Strength Nickel-Chromium Alloys, by M. V. [illegible], G. T. Zabolin.

RUSSIAN, per Stal', Vol XVII, No 7, 1957, pp 636-40.

Brutcher Tr 4088
$5.90

Sci - Min/Met

Apr 58

61,438

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

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Influence Des Impuretes Sur Les Properietes Des Alliages Refractaries a Base De Ni – Cr. (Effect of Impurities on the Properties of Refractory Alloys With Ni – Cr Base), by M. V. Pridantzev, G. V. Estouline, 11 pp.

FRENCH from RUSSIAN, per, Stal, Vol XVII, 1957, pp 635-639.

Reverse Translation
AEC/CEA-Tr-R573

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Automatic Combustion Control of Coagound Mixtures in the Metallurgical Units of Plants, by A. Ya. Lerner. USCL

RUSSIAN, par, Steel, No 7, 1957, pp 651-655.

British Iron and Steel Ind
(no number given)

Sci - Min/Met
Sep 59

98, 217

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

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Hot Cooling of Open-Hearth Furnaces, by Moyseyevich.

RUSSIAN, mo per, Stal, Jul 1957, p 658.-6[illegible].

Co-op Tr Sch Tr 691

Sci - Engr
Jna 57

57,645

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

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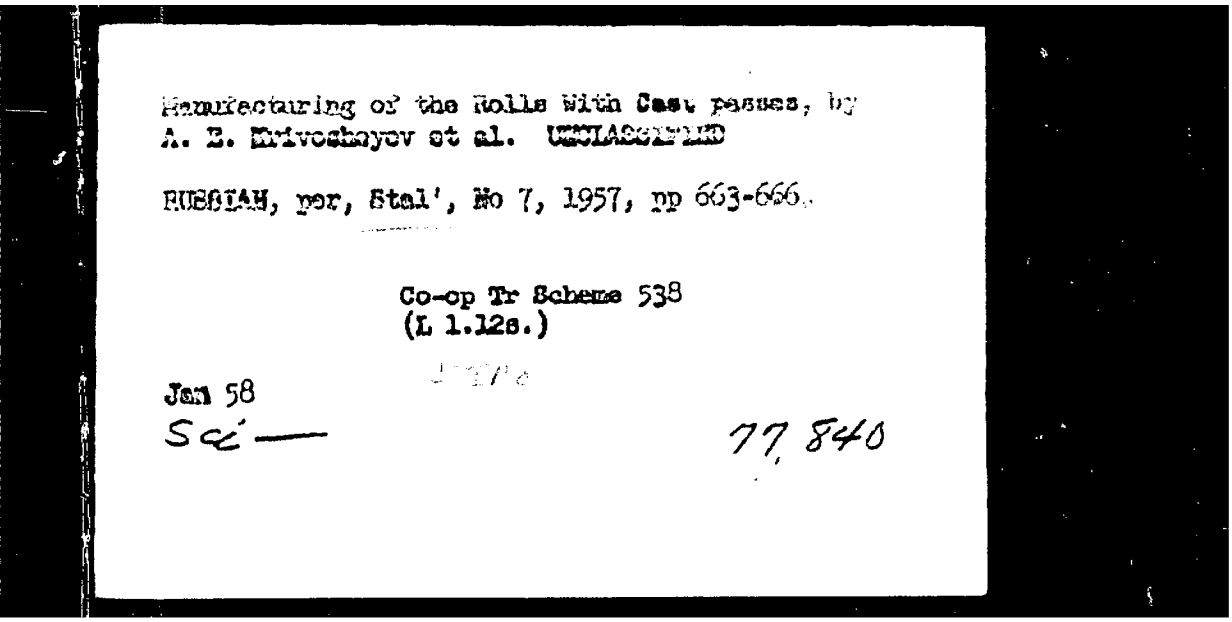

Manufacturing of the Rolls With Cast passes, by
A. B. Krivoshayev et al. UNCLASSIFIED

RUSSIAN, per, Stal', No 7, 1957, pp 663-666.

Co-op Tr Scheme 538
(L 1.12s.)

Jan 58
Sci —

77,840

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Smelting of Basic Pig Iron When Using Oxygen-Enriched Blast, by Bardin et al.

RUSSIAN, per, Stal, Aug 1957, pp 673-684.

Co-op Tr Serv Tr 694
(4.10.0)

55, 859

Sci - Min/met
Nov 57

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Investigation of the Wear of Blast Furnace Bottoms and Choosing of Their Air Cooling System Design, by S. M. Andon'ev, et al. UNCLASSIFIED

RUSSIAN, per, Stal', No 8, 1957, pp 685-691.

DSIR/TCL 107

Sci - Engr Co-op Tr Schems 584

Nov 58

82,021

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Smelting of Converter Steel at Top Blowing of Oxygen, by S. G. Afanas'ev, et al. UNCLASSIFIED

RUSSIAN, per, Stal', No 8, 1958, pp 693-701.

DSIR/TCL 107

Sci - Min/Met Co-op Tr Scheme 571

Nov 58

82,822

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4

Development of Deoxidation Process of Rimming Steel, by Bezdeneshnykh.

RUSSIAN, no per, Stal, Aug 1957, p 701: 7[illegible]

Co-op Tr Sch Tr 703

Sci - Engr
Jan 58

57,763

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340046-4